

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if multiple names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **APPARATUS AND METHOD FOR OBJECT BASED RATE CONTROL IN A CODING SYSTEM**, the specification of which is being (was) filed under the above-identified Attorney Docket Number.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____ Yes ____ No (Priority Claimed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____ Yes ____ No (Priority Claimed)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER
60/052,134

FILING DATE
7/10/98

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys jointly and each of them severally, with full power of substitution, delegation, and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

William J. Burke, Reg. No. 29,138
John V. Silverio, Reg. No. 34,014

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to:

William J. Burke
Sarnoff Corporation
c/o Patent Operations
CN 5300
Princeton, NJ 08543-5300
Tel.(609) 734-2560
Fax.(609) 734-2673

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURES

Full name of first inventor: Hung-Ju Lee

Inventor's signature: Hung-Ju Lee

Date: June 11, 1998 Country of Citizenship: Taiwan

Residence and Post Office Address: 3 Dinsmore Lane, Robbinsville, NJ 08691

Full name of second inventor: Tihao Chiang

Inventor's signature: Ti Hao Chiang

Date: June 12, 98 Country of Citizenship: Taiwan

Residence and Post Office Address: 5-04 Fox Run Drive, Plainsboro, NJ 08536

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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SEPTEMBER 01, 1998

SARNOFF CORPORATION
WILLIAM J. BURKE
LAW AND PATENT OPERATIONS
201 WASHINGTON ROAD, CN 5300
PRINCETON, NJ 08540

PTAS

RECORDED
IP & TM



100747558A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

jc 894 U.S. PTO
09/401132
09/22/99

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/15/1998

REEL/FRAME: 9262/0320
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEE, HUNG-JU

DOC DATE: 06/11/1998

ASSIGNOR:

CHIANG, TIHAO

DOC DATE: 06/12/1998

ASSIGNEE:

SARNOFF CORPORATION
201 WASHINGTON ROAD
CN 5300
PRINCETON, NEW JERSEY 08540

SERIAL NUMBER: 09094645
PATENT NUMBER:

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MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-26-1998

U.S. Department of Commerce
Patent and Trademark Office

100747558

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1 Name of conveying party(ies):

Full Name of Inventors
Hung-Ju Lee, Tihao Chiang

2. Name of receiving party(ies):

Name: Sarnoff Corporation
201 Washington Road
CN 5300
Princeton, NJ 08540

Additional name(s) of conveying party(ies) attached?

☐ yes ☒ no

3 Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 6/11/98 6/12/98

Additional name(s) & address(es) attached?

☐ yes ☒ no

4 Application number(s) or patent number(s):

If this document is being filed together with a new patent application, the execution date of this application is:

A. Patent Application No.(s) SAR 12598

B. Patent No.(s)

Additional number(s) attached?

☐ yes ☒ no

5 Name and address of party to whom correspondence concerning document should be mailed:

Name: William J. Burke
Law and Patent Operations
Sarnoff Corporation
201 Washington Road
CN 5300
Princeton, NJ 08540

6 Total number of applications and patents involved:

1

7 Total fee (37 CFR 3.41):\$ 40

☐ Enclosed
☒ Authorized to be charged to deposit account

8 Deposit Account number: 04-0203

(Attach duplicate copy of this page if paying by deposit account)

9 Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John V. Silverio Reg. No. 34,014

Name of Person Signing

Signature

6/12/98

Date

Total number of pages including cover sheet, attachments, and document:

3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
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Washington, DC 20231

MRD 6-15-98

JCS 18 U.S. PTO
09/094645
06/15/98
JCS 18 U.S. PTO
09/401132
09/22/996/25/1998 JSMBBZZ 00000102 040203 09094645
File Ref: 00000102 040203 09094645
11 FC:581 40.00 CN

ASSIGNMENT

I hereby declare that I am an inventor of the invention relating to **APPARATUS AND METHOD FOR OBJECT BASED RATE CONTROL IN A CODING SYSTEM** described in an application for Letters Patent of the United States of America filed:

☒ herewith under the above-identified docket number.

☐ on _____, under U.S. application serial no. _____.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign, and transfer to **SARNOFF CORPORATION**, a New Jersey corporation having a place of business at 201 Washington Road, Princeton, NJ 08540-6449, United States of America, its successors, and assigns, my entire right, title, and interest for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues, and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns, or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and, when requested by said corporation and at its expense, will generally do everything possible to aid said corporation, its successors, assigns, and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns, or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose and, more particularly, in proof of the right of said corporation or its successors, assigns, or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said corporation, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge, the right, title, and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Date: June-11-1998

By: Hung-Ju Lee
Hung-Ju Lee

3 Dinsmore Lane
Robbinsville, NJ 08691

1st Witness EILEEN WHIRK
(print or type)

Eileen Whirk
(signature)

2nd Witness _____
(print or type)

(signature)

Date: June 12, 78

By: Ti-hao Chiang
Tihao Chiang
5-04 Fox Run Drive
Plainsboro, NJ 08536

1st Witness Eileen Uhrick
(print or type)

Eileen Uhrick
(signature)

2nd Witness _____
(print or type)

(signature)